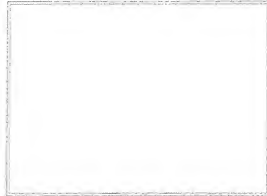


***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Bremer et al.  
Title: CRYSTAL STRUCTURE OF  
PIM-1 KINASE  
Appl. No.: 10/664,421  
Filing Date: September 16, 2003  
Examiner: Nashed  
Art Unit: 1656  
Confirmation 3203  
Number:



**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop Amendment-IDS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to

antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of a first office action after the filing of a request for continued examination under §1.114

**RELEVANCE OF EACH DOCUMENT**

All of the documents are in English and were cited in the Supplementary Partial European Search Report for corresponding EP Application No. 03 75 4735..

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by the credit card payment form being unsigned, providing incorrect information resulting in a rejected credit card transaction, or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date 5-23-07

By 

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Richard J. Warburg  
Attorney for Applicant  
Registration No. 32,327

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**INFORMATION DISCLOSURE  
 STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

|                        |             |
|------------------------|-------------|
| Application Number     | 10/664,421  |
| Filing Date            | 9/16/2003   |
| First Named Inventor   | Bremer      |
| Art Unit               | 1656        |
| Examiner Name          | Nashed      |
| Attorney Docket Number | 039363-0703 |

**U.S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|--|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |  |

**UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | U.S. Patent Application Document                | Filing Date of Cited Document<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|---|---|--|--|
|                    |                       | Serial Number-Kind Code <sup>2</sup> (if known) |   |  |  |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document                               | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Documents | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|--|----------------|
|                    |                       | Country Code-Number-Kind Code <sup>2</sup> (if known) |                                |  |  |                |
|                    | A1                    | WO 99/45379   | 09-10-1999                     | Abbott Laboratories                              |  |                |
|                    | A2                    | WO 01/42231   | 06-14-2001                     | Welchem Biotech Inc.                             |  |                |
|                    | A3                    | WO 00/75667   | 12-14-2000                     | Kinetek Pharmaceuticals                          |  |                |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>6</sup> |
|--------------------|-----------------------|--|----------------|
| A4                 |                       | Norin and Sundstrom, "Structural proteomics: Developments in structure-to-function predictions." Trends in Biotechnology, 20(2): 79-84, 2002.  |                |
| A5                 |                       | Stahura et al., "Molecular scaffold-based design and comparison of combinatorial libraries focused on the ATP-binding site of protein kinases." Journal of Molecular Graphics and Modelling, 17:1-9, 1999.   |                |
| A6                 |                       | Chayen, "Tracking the bottleneck of protein crystallization in the post-genomic era." Trends in Biotechnology, 20(3): p. 98, 2002.   |                |
| A7                 |                       | Mochizuki et al., Pim-1 kinase stimulates c-Myc-mediated death signaling upstream of caspase-3 (CPP32)-like protease activation." Oncogene, 15:1471-1480, 1997.  |                |

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| Substitute for form 1449/PTO                             |   |    | <b>Complete If Known</b>      |             |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |   |    | <b>Application Number</b>     | 10/664,421  |
|  |   |    | <b>Filing Date</b>            | 9/16/2003   |
|  |   |    | <b>First Named Inventor</b>   | Bremer      |
|  |   |    | <b>Art Unit</b>               | 1656        |
|  |   |    | <b>Examiner Name</b>          | Nashed      |
|  |   |    | <b>Attorney Docket Number</b> | 039363-0703 |
| (use as many sheets as necessary)                        |   |    |                               |             |
| Sheet  | 2 | of | 2                             |             |

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|---------------------------------|-----------------------|--|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>6</sup> |
|                                 | A8                    | EP Supplementary European Search Report for EP Application No. 03 75 4735.   |                |

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